MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JUNE, 1929

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

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JUNE 1929
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.8	59.6	61.0	59.8	27.0	19.9	23.8	26.7	21.5	24.0
2	61.3	61.2	2.1	61.5	27.0	19.4	24.7	26.1	21.5	24.1
3	1.7	1.3	1.8	1.6	26.9	18.7	24.1	26.1	21.0	23.7
4	1.2	0.5	0.6	0.8	26.9	18.7	24.8	26.1	21.9	24.3
5	58.6	57.6	57.8	58.0	26.8	19.2	24.7	26.8	22.6	24.7
6	55.2	54.0	52.9	54.0	28.1	20.3	25.2	27.9	23.7	25.6
7	3.8	4.6	5.9	4.8	28.9	22.2	25.6	27.6	22.7	25.3
8	5.7	5.5	5.9	5.7	28.8	19.6	20.2	26.7	21.7	22.9
9	4.8	4.9	5.8	5.2	27.0	18.9	24.6	27.3	22.2	24.7
10	6.8	7.1	7.6	7.2	27.7	21.0	25.1	27.8	23.7	25.5
11	58.1	57.8	58.2	58.0	28.9	22.3	26.7	28.6	25.1	26.8
12	8.4	7.8	7.7	8.0	29.6	22.2	26.7	28.7	23.9	26.4
13	7.7	7.7	8.0	7.8	29.6	22.2	26.3	27.2	23.9	25.8
14	8.5	8.2	8.9	8.5	27.8	21.1	26.1	27.7	23.4	25.7
15	9.4	9.0	9.2	9.2	28.8	21.4	26.7	28.9	23.1	26.2
16	59.1	59.0	59.5	59.2	29.2	20.6	25.4	28.9	23.9	26.1
17	9.1	8.5	8.2	8.6	29.6	20.7	26.0	28.6	24.1	26.2
18	8.1	7.5	8.5	8.0	29.8	20.6	26.7	30.1	24.3	27.0
19	8.9	8.6	9.8	9.1	30.9	21.7	26.3	29.5	24.5	26.8
20	60.4	60.1	60.7	60.4	30.6	21.4	26.6	29.4	24.2	26.7
21	59.3	58.9	58.9	59.0	30.2	22.5	27.1	29.4	23.9	26.8
22	8.2	7.5	8.0	7.9	29.9	22.9	26.6	28.6	23.9	26.4
23	7.2	7.1	7.5	7.3	29.8	21.3	27.1	29.3	24.0	26.8
24	7.8	5.4	7.5	6.9	30.0	22.6	27.6	26.2	24.5	26.1
25	6.9	6.7	6.6	6.7	30.2	21.2	26.8	29.4	24.5	26.9
26	56.0	56.1	56.3	56.1	30.3	21.1	26.7	30.1	24.6	27.1
27	6.8	6.9	7.5	7.1	30.3	21.4	27.3	30.5	24.8	27.5
28	7.2	6.7	7.2	7.0	30.8	21.9	27.2	28.9	25.1	27.1
29	5.7	5.1	4.6	5.1	30.0	23.1	28.7	30.4	25.5	28.2
30	3.9	3.5	3.8	3.7	31.9	23.9	27.5	29.6	25.2	27.4
	57.85	57.48	57.93	57.73	29.11	21.13	25.96	28.30	23.63	25.96

Barometer, Range for month 753.5-762.1 m.m.
,, 50-yr. average for month 758.15 m.m.
Thermometer, Range for month 18°.7-31°.9
,, 50-yr. average for month 25°.38
Rain, total for month 7.01 m.m.
,, , 50-yr average for month 3.81m.m.
,, , total. Sept. 1st to end of month 1080.25m.m.
,, , 50-yr average, Sept. 1st to end of month. 906.54m.m.

JUNE 1929

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	20.8	23.4	19.7	16.1	18.7	17.8	17.5	73	71	82	75	8.8	
2	21.6	22.0	20.5	16.8	17.6	17.1	17.2	73	69	89	77	13.2	
3	21.4	22.4	19.4	16.9	17.2	15.6	16.6	76	68	84	76	13.0	
4	21.5	22.4	20.4	16.5	17.3	16.6	16.8	72	69	85	73	13.4	
5	22.1	23.4	21.0	17.7	18.7	17.3	17.9	76	71	85	77	12.8	
6	21.9	23.4	22.4	17.1	17.8	19.0	18.0	72	63	87	74	11.2	
7	22.5	24.1	20.5	17.8	19.3	16.3	17.8	73	70	79	74	10.2	
8	19.8	23.1	20.7	16.7	18.1	17.3	17.4	96	69	90	85	9.2	7.01
9	22.2	23.8	21.5	17.9	19.1	18.5	18.5	78	72	93	81	12.8	
10	22.7	23.9	22.1	18.5	18.8	18.5	18.6	67	68	84	73	12.8	
11	24.1	25.4	23.6	20.1	21.2	20.3	20.5	77	73	85	78	11.6	
12	23.9	24.8	21.8	19.8	20.0	17.7	19.2	76	68	80	75	12.8	
13	23.6	23.9	20.1	19.3	19.4	14.8	17.8	75	72	67	71	13.4	
14	21.0	21.5	19.5	14.0	14.9	14.1	14.3	54	53	66	58	13.4	
15	21.5	23.6	21.1	15.3	17.5	17.0	16.6	58	58	81	66	12.8	
16	22.7	24.2	21.9	18.3	18.6	18.1	18.3	75	62	82	73	13.6	
17	23.3	23.8	22.9	19.1	18.2	19.9	19.1	76	63	89	76	13.6	
18	23.8	24.8	23.3	19.6	19.0	20.4	19.7	75	60	90	75	13.2	
19	24.0	26.7	23.3	20.1	23.0	20.2	21.1	79	74	79	77	13.4	
20	23.2	25.1	22.1	18.4	20.1	18.1	18.9	71	65	81	72	13.4	
21	23.2	24.5	22.3	18.1	19.0	18.7	18.6	68	62	85	72	13.2	
22	22.6	23.7	21.5	17.3	17.8	17.2	17.4	65	60	78	68	12.6	
23	23.2	24.4	22.4	18.1	18.8	18.9	18.6	68	62	85	72	12.8	
24	23.7	24.6	22.2	18.7	21.6	18.0	19.4	68	86	79	78	12.8	
25	22.9	24.5	22.2	17.7	18.9	18.0	18.2	67	61	79	69	13.2	
26	22.9	24.5	22.2	17.7	18.4	18.0	18.0	68	58	78	68	13.0	
27	23.8	25.7	23.1	19.0	20.3	19.5	19.6	71	60	84	72	13.0	
28	24.3	25.3	22.9	20.0	20.7	19.0	19.9	75	70	81	75	12.9	
29	25.4	26.0	23.8	21.1	20.4	20.5	20.7	72	60	84	72	13.2	
30	24.5	24.9	22.8	20.3	19.6	18.7	19.5	74	63	78	72	12.8	
31													
	22.80	24.13	21.77	18.13	19.00	18.03	18.39	72.3	66.0	82.3	73.6	12.61	0.23

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

JUNE 1929

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	3str.cu	3cicu	6nicu	4.0	3s	3sw	1s	479.2	slight	tr. rain
2	1cu	1cicu	4str.cu	2.0	3s	2sw	0	295.5	mod.	
3	1ci cu	1cicu	0	0.7	1w	1se	0	48.3	calm	
4	0	1cu	0	0.3	0	1nw	0	60.3	,,	haze a.m.
5	0	1cicu	1cu	0.7	0	2n	0	32.7	,,	
6	4altcu	0	1cu	1.7	1ne	0	2ne	42.0	,,	haze all day
7	6ni cu	6cicu	4nicu	5.3	5s	4sw	5s	698.4	rough	tr. rain
8	8ni cu	2strcu	0	3.3	1se	2sw	0	506.6	mod.	t.l.r. a.m.
9	0	1cu	0	0.3	1se	2sw	0	279.9	light	
10	1cu	1cu	0	0.7	0	1n	2n	78.0	,,	mist a.m.
11	4ci cu	1cu	4cicu	3.0	1w	1nw	0	90.4	,,	mist dew
12	0	3cicu	0	1.0	1sw	2sw	0	419.2	,,	
13	4ci cu	2cicu	0	2.0	2se	2nw	4e	378.3	,,	
14	1cu	1cu	0	0.7	2w	3n	2ne	193.1	,,	
15	0	0	0	0.0	0	1ne	0	62.6	calm	
16	0	0	0	0.0	0	1nw	0	53.2	,,	mist a.m.
17	0	0	0	0.0	0	1nw	0	22.2	,,	
18	1cu	0	0	0.3	0	0	0	68.7	,,	heavy dew
19	1cu	0	0	0.3	2sw	0	0	155.8	light	
20	0	0	0	0.0	2sw	3sw	2sw	496.5	mod.	haze
21	1cu	2cu	2str.cu	1.7	3s	4sw	3sw	846.8	slight	haze & dew
22	2cu	1strcu	0	1.0	3sw	4sw	1sw	595.7	,,	
23	1cu	1cu	0	0.7	2sw	2sw	0	498.9	mod.	haze
24	0	1cu	0	0.3	3sw	2sw	1sw	685.8	,,	
25	1cu	0	0	0.3	2sw	3sw	1sw	520.4	,,	dew
26	1cu	0	0	0.3	2sw	3sw	0	501.5	,,	
27	2str. cu	2strcu	0	1.3	2sw	2sw	0	286.7	light	haze
28	1cu	0	0	0.3	2sw	0	0	56.9	calm	haze
29	0	0	0	0.0	0	1sw	0	157.2	,,	
30	0	3strcu	0	1.0	3sw	5sw	2sw	803.0	light	haze
				1.11				313.79		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	2	4	12	3	0	8
14:30	3	1	0	1	0	16	0	5	4
20:30	1	2	1	0	2	6	0	0	18
Totals	4	4	1	3	6	34	3	5	30

Number of days with rain 1, fog 2, thunderstorms 1, gales 0.
50-yr average number of days with rain during month 0.8